

## **INTEGRATED COMMUNICATIONS AND POWER SYSTEM**

### **ABSTRACT OF THE DISCLOSURE**

[0038] In order to avoid signal disturbances at communications through electric high power cables for supply of electric power to offshore installations, power cables that are galvanically insulated from each other are used. For example this may be done by supplying power at two single-phase pairs and use one conductor in every pair as signal conductor or by using a three-phase cable plus a single conductor.